

Bibliography from ADS file: habbal.bib
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- Boe, B., Habbal, S., Downs, C., & Druckmüller, M., “The Solar Minimum Eclipse of 2019 July 2. II. The First Absolute Brightness Measurements and MHD Model Predictions of Fe X, XI, and XIV out to 3.4 R_☉”, 2022ApJ...935...173B ADS
- Boe, B., Yamashiro, B., Druckmüller, M., & Habbal, S., “The Double-bubble Coronal Mass Ejection of the 2020 December 14 Total Solar Eclipse”, 2021AGUFM35B2062B ADS
- Panasenco, O. & Habbal, S., “Solar Filament Channels: Magnetic Forces Shaping Multi-Scale Coronal Dynamics”, 2021AGUFM25F2148P ADS
- Boe, B., Habbal, S., Downs, C., & Druckmüller, M., “A new color-based method for K- and F-corona extraction”, 2021AGUFM15D2057B ADS
- Habbal, S., Druckmüller, M., Alzate, N., Ding, A., & Boe, B., “Insights into the Source Regions of the Solar Wind from Total Solar Eclipse Observations”, 2021AGUFM12B...01H ADS
- Telloni, D., Andretta, V., Antonucci, E., et al., “Exploring the Solar Wind from Its Source on the Corona into the Inner Heliosphere during the First Solar Orbiter-Parker Solar Probe Quadrature”, 2021ApJ...920L...14T ADS
- Boe, B., Yamashiro, B., Druckmüller, M., & Habbal, S., “The Double-bubble Coronal Mass Ejection of the 2020 December 14 Total Solar Eclipse”, 2021ApJ...914L...39B ADS
- Boe, B., Habbal, S., Downs, C., & Druckmüller, M., “The Color and Brightness of the F-corona Inferred from the 2019 July 2 Total Solar Eclipse”, 2021ApJ...912...44B ADS
- Habbal, S. R., Druckmüller, M., Alzate, N., et al., “Identifying the Coronal Source Regions of Solar Wind Streams from Total Solar Eclipse Observations and in situ Measurements Extending over a Solar Cycle”, 2021ApJ...911L...4H ADS
- Hrazdřila, Z., Druckmüller, M., & Habbal, S., “Measuring Solar Differential Rotation with an Iterative Phase Correlation Method”, 2021ApJS...252...6H ADS
- Habbal, S. R., “Total Solar Eclipse Observations: A Treasure Trove from the Source and Acceleration Regions of the Solar Wind”, 2020JPhCS1620a2006H ADS
- Boe, B., Habbal, S., & Druckmüller, M., “Coronal Magnetic Field Topology from Total Solar Eclipse Observations”, 2020SPD...5121003B ADS
- Boe, B., Habbal, S., & Druckmüller, M., “Coronal Magnetic Field Topology from Total Solar Eclipse Observations”, 2020ApJ...895...123B ADS
- Martínez Pillet, V., Tritschler, A., Harra, L., et al., “Solar physics in the 2020s: DKIST, parker solar probe, and solar orbiter as a multi-messenger constellation”, 2020arXiv200408632M ADS
- Hrazdřila, Z., Druckmüller, M., & Habbal, S., “Iterative Phase Correlation Algorithm for High-precision Subpixel Image Registration”, 2020ApJS...247...8H ADS
- Boe, B., Habbal, S., Druckmüller, M., et al., “CME-induced Thermodynamic Changes in the Corona as Inferred from Fe XI and Fe XIV Emission Observations during the 2017 August 21 Total Solar Eclipse”, 2020ApJ...888...100B ADS
- Boe, B., Habbal, S., Druckmüller, M., et al., “Thermodynamic Changes in the Corona during the 2017 August 21 Total Solar Eclipse”, 2020AAS...23535907B ADS
- Habbal, S., Druckmüller, M., Starha, P., et al., “The quiet yet turbulent solar corona during the 2 July 2019 total solar eclipse”, 2020AAS...23535905H ADS
- Constantinou, S. L., Habbal, S., Druckmüller, M., et al., “Observations of a Polar Coronal Jet During the 21 August 2017 Total Solar Eclipse”, 2020AAS...23522003C ADS
- Arndt, M. B., Habbal, S. R., Auriemma, S., et al., “The South American Total Solar Eclipse of 2 July 2019: An Opportunity for Undergraduate Engagement in Research”, 2020AAS...23522002A ADS
- Yamashiro, B., Habbal, S., Ding, A., & Nassir, M., “On the Inference of Fe⁺⁹ Ion Temperature in the Solar Corona from the 2019 July 2 Total Solar Eclipse”, 2020AAS...23521002Y ADS
- Boe, B., Habbal, S. R., Druckmüller, M., et al., “CME Induced Thermodynamic Changes in the Corona as Inferred from Fe XI and Fe XIV Emission Observations during the 2017 August 21 Total Solar Eclipse”, 2019AGUFM11C3393B ADS
- Boe, B., Habbal, S., Druckmüller, M., et al., “CME Induced Thermodynamic Changes in the Corona as Inferred by Fe XI and Fe XIV Emission Observations from the 2017 August 21 Total Solar Eclipse”, 2019shin.confE.143B ADS
- Boe, B. R., Habbal, S., Druckmüller, M., et al., “First Empirical Determination of the Fe 10+ and Fe 13+ Freeze-in Distances in the Solar Corona”, 2018shin.confE...36B ADS
- Lin, H., Gibson, S., Savage, S., et al., “A Space Coronal Magnetometry Mission”, 2018cosp...42E2020L ADS
- Boe, B., Habbal, S., Druckmüller, M., et al., “The First Empirical Determination of the Fe¹⁰ and Fe¹³ Freeze-in Distances in the Solar Corona”, 2018ApJ...859...155B ADS
- Habbal, S. R., Druckmüller, M., Ding, A., et al., “Plasma Properties of the Corona and Sources of the Solar Wind as Derived from Total Solar Eclipse Observations”, 2018tess.conf32104H ADS
- Ding, A., Habbal, S. R., Nassir, M., & Boe, B., “Unique Diagnostic Properties of Spectroscopy in the Visible: Results from a Novel Imaging Spectrometer Operated During the 2015 and 2017 Total Solar Eclipses”, 2018tess.conf31301D ADS
- Arndt, M. B., Habbal, S. R., Ding, A., et al., “Coordinated Multi-site Imaging and Spectroscopic Observations of the 2017 August 21 Total Solar Eclipse”, 2018tess.conf30389A ADS
- Cooper, J. F., Habbal, S. R., Stubbs, T. J., & Glenar, D. A., “Solar Coronal Observations from Lunar Orbit”, 2018tess.conf21806C ADS
- Alzate, N. & Habbal, S. R., “Imprints of Coronal Mass Ejections on Coronal Structures”, 2018tess.conf10904A ADS
- Cooper, J. F., Habbal, S. R., Stubbs, T. J., & Glenar, D. A., “Lunar Solar Origins Explorer (LunaSOX) for the Deep Space Gateway”, 2018LPICo2063.3038C ADS
- Habbal, S. R., Ding, A., Druckmüller, M., & Solar Wind Shergas, “Observations of the Dynamics and Thermodynamics of the Corona during the 21 August 2017 Total Solar Eclipse”, 2018AAS...23122007H ADS
- Speck, A., Habbal, S., Tresch Fienberg, R., et al., “Preparing a Nation for the Eclipse of a Generation”, 2018AAS...23122002S ADS
- Druckmüller, M., Habbal, S. R., Alzate, N., & Emmanouilidis, C., “Tethered Prominence-CME Systems Captured during the 2012 November 13 and 2013 November 3 Total Solar Eclipses”, 2017ApJ...851L...41D ADS
- Alzate, N., Habbal, S. R., & Druckmüller, M., “Dynamics of Coronal Structures Captured During the 2012 and 2013 Total Solar Eclipses”, 2017AGUFM54A...04A ADS
- Habbal, S. R., Druckmüller, M., & Ding, A., “The Unique Scientific Assets of Multi-Wavelength Total Solar Eclipse Observations”, 2017AGUFM24A...02H ADS
- Alzate, N., Habbal, S. R., Druckmüller, M., Emmanouilidis, C., & Morgan, H., “Dynamics of Large-scale Coronal Structures as Imaged during the 2012 and 2013 Total Solar Eclipses”, 2017ApJ...848...84A ADS
- Ding, A. & Habbal, S. R., “First Detection of Prominence Material Embedded within a 2 x 10⁶ K CME Front Streaming away at 100-1500 km s⁻¹ in the Solar Corona”, 2017ApJ...842L...7D ADS
- Habbal, S., “Tracing the path towards totality”, 2016PhyW...291...34H ADS
- Landi, E., Habbal, S. R., & Tomczyk, S., “Coronal plasma diagnostics from ground-based observations”, 2016JGRA...121.8237L ADS
- Habbal, S. R., Morgan, H., Druckmüller, M., & Ding, A., “The Temperature of the Corona as Derived from Total Solar Eclipse Observations”, 2016SPD...4730801H ADS
- Habbal, S. R. & Ding, A., “On the Discovery of Fast Chromospheric Ejecta of up to 1500 km/s in the Corona within one Radius above the Solar Surface”, 2016SPD...4720207H ADS
- Sigernes, F., Ellingsen, P. G., Holmen, S. E., et al., “The Total Solar Eclipse on Svalbard 2015”, 2015AGUFM52A...02S ADS
- Landi, E., Habbal, S. R., & Tomczyk, S., “Coronal plasma diagnostics from eclipse observations”, 2015AGUFM51C2456L ADS
- Habbal, S. R., Ding, A., Druckmüller, M., et al., “Dynamics and Thermodynamics of the Corona Observed During the Total Solar Eclipse of 20 March 2015”, 2015AGUFM51C2455H ADS
- Habbal, S. R., Morgan, H., Druckmüller, M., & Ding, A., “Unique Insights into the Origin and Expansion of Coronal Structures from Total Solar Eclipse Observations”, 2015AGUFM11F...01H ADS
- Habbal, S., Druckmüller, M., Morgan, H., & Ding, A., “Dynamics and Thermodynamics of the Solar Corona as Inferred from Total Solar Eclipse Observations”, 2015TESS...140906H ADS
- Habbal, S. R., Druckmüller, M., Emmanouilidis, C., & Morgan, H., “The Corona at Solar Maximum as Imaged during the Total Solar Eclipses of 2012 November 13-14 and 2013 November 3-4”, 2015AAS...22511502H ADS
- Byrne, J. P., Morgan, H., Seaton, D. B., Bain, H. M., & Habbal, S. R., “Bridging EUV and White-Light Observations to Inspect the Initiation Phase of a “Two-Stage” Solar Eruptive Event”, 2014SoPh...289.4545B ADS
- Sigernes, F., Ellingsen, P. G., Holmen, S. E., et al., “Variable Cascade Dynamics and Intermittency in the Solar Wind at 1 AU”, 2014AGUFM52A...02S ADS
- Bains, A. S., Li, B., & Habbal, S. R., “Properties of solar prominences as obtained by SDO/AIA and the associated differential emission measure analysis”, 2014AGUFM13B4100B ADS
- Habbal, S. R., Morgan, H., & Druckmüller, M., “Exploring the Prominence-Corona Connection and its Expansion into the Outer Corona Using Total Solar Eclipse Observations”, 2014ApJ...793...119H ADS

- Druckmüller, M., Habbal, S. R., & Morgan, H., “Discovery of a New Class of Coronal Structures in White Light Eclipse Images”, 2014ApJ...785...14D [ADS](#)
- Druckmüller, M., Habbal, S. R., Aniol, P., Ding, A., & Morgan, H., “Imaging Comet ISON C/2012 S1 in the Inner Corona at Perihelion”, 2014ApJ...784L..22D [ADS](#)
- Judge, P. G., Habbal, S., & Landi, E., “From Forbidden Coronal Lines to Meaningful Coronal Magnetic Fields”, 2013SoPh...288...467J [ADS](#)
- Byrne, J. P., Long, D. M., Gallagher, P. T., et al., “Improved methods for determining the kinematics of coronal mass ejections and coronal waves”, 2013A&A...557A...96B [ADS](#)
- Habbal, S. R., Morgan, H., Druckmüller, M., et al., “Probing the Fundamental Physics of the Solar Corona with Lunar Solar Occultation Observations”, 2013SoPh...285...9H [ADS](#)
- Byrne, J. P., Morgan, H., Habbal, S., & Gallagher, P., “Advanced Techniques for Studying Coronal Mass Ejections in Three-Dimensions”, 2013shin.confE.161B [ADS](#)
- Li, B., Habbal, S. R., & Chen, Y., “The Period Ratio for Standing Kink and Sausage Modes in Solar Structures with Siphon Flow. I. Magnetized Slabs”, 2013ApJ...767...169L [ADS](#)
- Li, B. & Habbal, S. R., “An Anisotropic-Alfvénic-turbulence-based Solar Wind Model with Proton Temperature Anisotropy”, 2013ASPC...474...153L [ADS](#)
- Habbal, S. R., Druckmüller, M., & Morgan, H., “The Role of Prominences in the Dynamics of the Solar Corona”, 2012AGUFM53A2262H [ADS](#)
- Byrne, J. P., Morgan, H., Habbal, S., & Gallagher, P., “CORIMP CME Catalogue: Automatically Detecting & Tracking CMEs in Coronagraph Data”, 2012shin.confE...91B [ADS](#)
- Byrne, J. P., Morgan, H., Habbal, S. R., & Gallagher, P. T., “Automatic Detection and Tracking of Coronal Mass Ejections. II. Multiscale Filtering of Coronagraph Images”, 2012ApJ...752...145B [ADS](#)
- Morgan, H., Byrne, J. P., & Habbal, S. R., “Automatically Detecting and Tracking Coronal Mass Ejections. I. Separation of Dynamic and Quiescent Components in Coronagraph Images”, 2012ApJ...752...144M [ADS](#)
- Miloch, W. J., Habbal, S. R., & Esser, R., “Plasma Dynamics at the Prominence-Corona Interface”, 2012ApJ...752...85M [ADS](#)
- Byrne, J., Morgan, H., & Habbal, S. R., “New High-Accuracy Methods for Automatically Detecting & Tracking CMEs”, 2012AAS...22051503B [ADS](#)
- Habbal, S. R., Landi, E., Morgan, H., Druckmüller, M., & Ding, A., “Coordinated Visible, EUV and White Light Observations of the Extended Corona During the 2010 July 11 Total Solar Eclipse”, 2012AAS...22042303H [ADS](#)
- Arndt, M. B., Habbal, S. R., & Wind Sherpas, S., “The US 2017 Total Solar Eclipse Workshops”, 2012AAS...22020101A [ADS](#)
- Byrne, J., Morgan, H., & Habbal, S. R., “The CORIMP CME Catalogue: Automatically Detecting and Tracking CMEs in Coronagraph Data”, 2012AAS...22020005B [ADS](#)
- Habbal, S. R., Druckmüller, M., Morgan, H., & Ding, A., “Advantage of Forbidden Emission Lines Over Extreme Ultraviolet Lines as Coronal Diagnostic Tools”, 2012AAS...21922407H [ADS](#)
- Li, B., Li, X., & Habbal, S. R., “Modeling the multi-component solar wind from the surface of the Sun out to several astronomical units”, 2011AGUFM53A2026L [ADS](#)
- Hudson, H. S., McIntosh, S. W., Habbal, S. R., Pasachoff, J. M., & Peticolas, L., “The U.S. Eclipse Megamovie in 2017: a white paper on a unique outreach event”, 2011arXiv1108.3486H [ADS](#)
- Habbal, S. R., Cooper, J., Daw, A., et al., “Exploring the Physics of the Corona with Total Solar Eclipse Observations”, 2011arXiv1108.2323H [ADS](#)
- Druckmüllerová, H., Morgan, H., & Habbal, S. R., “Enhancing Coronal Structures with the Fourier Normalizing-radial-graded Filter”, 2011ApJ...737...88D [ADS](#)
- Tian, H., McIntosh, S. W., Habbal, S. R., & He, J., “Observation of High-speed Outflow on Plume-like Structures of the Quiet Sun and Coronal Holes with Solar Dynamics Observatory/Atmospheric Imaging Assembly”, 2011ApJ...736...130T [ADS](#)
- Tian, H., McIntosh, S. W., Habbal, S. R., & He, J., “Observation of High-speed Outflow on Plume-like Structures of the Quiet Sun and Coronal Holes with SDO/AIA”, 2011shin.confE.161T [ADS](#)
- Byrne, J. P., Morgan, H., & Habbal, S. R., “A Multiscale Technique for Automatically Detecting & Tracking CMEs in Coronagraph Data”, 2011shin.confE.140B [ADS](#)
- Habbal, S. R., Druckmüller, M., Morgan, H., et al., “Thermodynamics of the Solar Corona and Evolution of the Solar Magnetic Field as Inferred from the Total Solar Eclipse Observations of 2010 July 11”, 2011ApJ...734...120H [ADS](#)
- Byrne, J., Morgan, H., & Habbal, S., “A Multiscale Technique for Automatically Detecting and Tracking CMEs in Coronagraph Data”, 2011SPD...42.2301B [ADS](#)
- Habbal, S. R., Druckmüller, M., Morgan, H., et al., “The Coronal Imprints of Eruptive Prominences and CMEs as Revealed by the Total Solar Eclipse Observations of 11 July 2010”, 2011SPD...42.1305H [ADS](#)
- Byhring, H. S., Cranmer, S. R., Lie-Svendsen, Ø., Habbal, S. R., & Esser, R., “Modeling Iron Abundance Enhancements in the Slow Solar Wind”, 2011ApJ...732...119B [ADS](#)
- Habbal, S. R., Morgan, H., & Druckmüller, M., “A new view of coronal structures: implications for the source and acceleration of the solar wind”, 2011ASInC...2...259H [ADS](#)
- Habbal, S. R., Druckmüller, M., Morgan, H., & Solar Wind Sherpas, “Hot Prominence Shrouds (Invited)”, 2010AGUFM54A...03H [ADS](#)
- Kucera, T. A., Berger, T. E., Boerner, P., et al., “Space Based Observations of Coronal Cavities in Conjunction with the Total Solar Eclipse of July 2010”, 2010AGUFM51A1666K [ADS](#)
- Morgan, H. & Habbal, S. R., “Tomography and the distribution of streamers in the extended solar corona: some implications for large-scale MHD models”, 2010AGUFM31A1790M [ADS](#)
- Habbal, S. R., Druckmüller, M., Morgan, H., et al., “Total Solar Eclipse Observations of Hot Prominence Shrouds”, 2010ApJ...719.1362H [ADS](#)
- Habbal, S. R., Druckmüller, M., Morgan, H., et al., “Hot Prominence Cavities”, 2010AAS...21630202H [ADS](#)
- Habbal, S. R., Morgan, H., Druckmüller, M., & Ding, A., “On the Constancy of the Electron Temperature in the Expanding Corona Throughout Solar Cycle 23”, 2010ApJ...711L...75H [ADS](#)
- Morgan, H. & Habbal, S., “A Method for Separating Coronal Mass Ejections from the Quiescent Corona”, 2010ApJ...711...631M [ADS](#)
- Morgan, H. & Habbal, S., “Observations of the 3D coronal structure over a solar cycle”, 2010AIPC.1216...691M [ADS](#)
- Morgan, H. & Habbal, S. R., “Observational Aspects of the Three-dimensional Coronal Structure Over a Solar Activity Cycle”, 2010ApJ...710...1M [ADS](#)
- Habbal, S. R., Druckmüller, M., Morgan, H., et al., “Mapping the Distribution of Electron Temperature and Fe Charge States in the Corona with Total Solar Eclipse Observations”, 2010ApJ...708.1650H [ADS](#)
- Daw, A., Habbal, S. R., Morgan, H., et al., “Eclipse Observations of the Fe XI 789.2 nm Line”, 2010AAS...21532203D [ADS](#)
- Richie-Halford, A. C., Iess, L., Tortora, P., et al., “Space-time localization of inner heliospheric plasma turbulence using multiple spacecraft radio links”, 2009SpWea...712003R [ADS](#)
- Al-Haddad, N. A. M., Habbal, S. R., Morgan, H., Scholl, I., & Roussev, I. I., “Multi-instrument Study of the Influence of sunspots Magnetic Fields on the Outflow from adjacent Coronal Holes”, 2009shin.confE...18A [ADS](#)
- Habbal, S. R., Daw, A., Morgan, H., et al., “The Curious Case of the Fe XI 789.2 nm Line”, 2009SPD...40.3204H [ADS](#)
- Habbal, S. R., Scholl, I., & Morgan, H., “IfA Catalogs of Solar Data Products”, 2009SPD...40.1411H [ADS](#)
- Morgan, H., Habbal, S. R., & Lugaz, N., “Mapping the Structure of the Corona Using Fourier Backprojection Tomography”, 2009ApJ...690.1119M [ADS](#)
- Habbal, S. R., Daw, A. N., Morgan, H., et al., “The Role of Heavy Ions as Coronal Diagnostics: Recent Results from Total Solar Eclipse Observations”, 2008AGUFM511A...04H [ADS](#)
- Habbal, S. R., Scholl, I. F., & McIntosh, S. W., “Impact of Active Regions on Coronal Hole Outflows”, 2008ApJ...683L...75H [ADS](#)
- Scholl, I., Habbal, S. R., & Paiement, A., “On the Automated Detection of Coronal Holes in Space-Based Data”, 2008AGUSMSP51A...14S [ADS](#)
- Habbal, S. R., Scholl, I., & McIntosh, S., “Identifying the Distinctive Plasma Properties of Coronal Holes”, 2008AGUSMSP31D...08H [ADS](#)
- Morgan, H., Fineschi, S., Habbal, S. R., & Li, B., “In situ spectroscopy of the solar corona”, 2008A&A...482...981M [ADS](#)
- Scholl, I. F. & Habbal, S. R., “Automatic Detection and Classification of Coronal Holes and Filaments Based on EUV and Magnetogram Observations of the Solar Disk”, 2008SoPh...248...425S [ADS](#)
- Habbal, S. R., Morgan, H., Johnson, J., et al., “Erratum: “Localized Enhancements of Fe¹⁰ Density in the Corona as Observed in Fe XI 789.2 nm during the 2006 March 29 Total Solar Eclipse” (ApJ, 663, 598 [2007]””, 2007ApJ...670.1521H [ADS](#)
- Morgan, H. & Habbal, S. R., “The long-term stability of the visible F corona at heights of 3-6 R_⊙”, 2007A&A...471L...47M [ADS](#)
- Habbal, S. R., Morgan, H., Johnson, J., et al., “Localized Enhancements of Fe¹⁰ Density in the Corona as Observed in Fe XI 789.2 nm during the 2006 March 29 Total Solar Eclipse”, 2007ApJ...663...598H [ADS](#)
- Bisi, M. M., Fallows, R. A., Breen, A. R., Habbal, S. R., & Jones, R. A., “Large-scale structure of the fast solar wind”, 2007JGRA...112.6101B [ADS](#)
- Li, B., Habbal, S. R., & Li, X., “Angular Momentum Transport and Proton-Alpha-Particle Differential Streaming in the Solar Wind”, 2007ApJ...661...593L [ADS](#)

- Labrosse, N., Morgan, H., Habbal, S. R., & Brown, D., "On VI and H₂ Lines in Sunspots", 2007ASPC...368..247L ADS
- Habbal, S. R., "Following the Trail of Heavy Ions through the Solar Corona and into the Solar Wind", 2007AAS...21011103H ADS
- Morgan, H. & Habbal, S. R., "Maps of the Coronal Electron Density Distribution at Solar Maximum - Estimates Based on LASCO Observations", 2007AAS...21010503M ADS
- Rasca, A., Habbal, S. R., & Morgan, H., "A Correlative Study between Coronal Mass Ejections, Prominences and Flares", 2007AAS...210.9332R ADS
- Lin, H., Li, J., Kuhn, J. R., et al., "Meis Imaging Solar Spectrometer", 2007AAS...210.9215L ADS
- Lowder, C., Habbal, S. R., & Morgan, H., "Coronal Mass Ejections: A Study of Structural Evolution and Classification", 2007AAS...210.8803L ADS
- Morgan, H. & Habbal, S. R., "Are solar maximum fan streamers a consequence of twisting sheet structures?", 2007A&A...465L..47M ADS
- McComas, D. J., Velli, M., Lewis, W. S., et al., "Understanding coronal heating and solar wind acceleration: Case for in situ near-Sun measurements", 2007RvGeo...45.1004M ADS
- Morgan, H. & Habbal, S. R., "An empirical 3D model of the large-scale coronal structure based on the distribution of H α filaments on the solar disk", 2007A&A...464..357M ADS
- Hilchenbach, M., Orsini, S., Hsieh, K. C., et al., "Solar Orbiter Neutral Solar Wind Detector", 2007ESASP.641E..46H ADS
- Morgan, H., Habbal, S. R., & Fineschi, S., "Viewing Structure In Coronal Images", 2007ESASP.641E..15M ADS
- Habbal, S. R., Kuhn, J., Mickey, D., et al., "Polarimetric Imaging and Spectroscopy of the Corona from 400 to 2000 nm during the Total Solar Eclipse of 29 March 2006", 2006AGUFM44A..06H ADS
- Morgan, H. & Habbal, S. R., "Twisted Sheet Structures and the Appearance of Coronal Streamers at Solar Maximum", 2006AGUFM23B0352M ADS
- Jaeggli, S. A., Habbal, S. R., Kuhn, J. R., & Nayfeh, M. H., "Broadband Spectroscopy of the Corona during the Total Solar Eclipse of March 29, 2006", 2006AAS...209.1601J ADS
- Morgan, H., Habbal, S. R., & Woo, R., "The Depiction of Coronal Structure in White-Light Images", 2006SoPh...236..263M ADS
- Morgan, H. & Habbal, S. R., "Solar Maximum Streamers as Thin Twisting Sheets", 2006spse.conf...93M ADS
- Habbal, S. R., Kuhn, J., Mickey, D., et al., "Using Polarimetric Imaging and Spectroscopy of the Corona from 400 to 1800 nm for Exploring the near Sun Plasma", 2006spse.conf...27H ADS
- Li, B., Habbal, S. R., Li, X., & Mountford, C., "Effect of the latitudinal distribution of temperature at the coronal base on the interplanetary magnetic field configuration and the solar wind flow", 2005JGRA...11012112L ADS
- Li, X. & Habbal, S. R., "Hybrid simulation of ion cyclotron resonance in the solar wind: Evolution of velocity distribution functions", 2005JGRA...11010109L ADS
- McComas, D. J., Velli, M., Lewis, W. S., et al., "Solar Probe: Humanity's First Visit to a Star (Invited)", 2005ESASP.592..279M ADS
- Li, X. & Habbal, S. R., "Hybrid Simulation of Ion Cyclotron Resonance in the Solar Wind: Ion Velocity Distribution Functions", 2005ESASP.592..181L ADS
- Morgan, H. & Habbal, S. R., "The Impact of Sunspots on the Interpretation of Coronal Observations of the O VI Doublet", 2005ApJ...630L.189M ADS
- Woo, R. & Habbal, S. R., "Origin and Acceleration of the Slow Solar Wind", 2005ApJ...629L.129W ADS
- Grappin, R., Léorat, J., & Habbal, S. R., "Siphon flows and oscillations in long coronal loops due to Alfvén waves", 2005A&A...437.1081G ADS
- Morgan, H. & Habbal, S. R., "Dissertation Talk: The Impact of Sunspots on Modelling Coronal UV Observations", 2005AGUMSP33A..01M ADS
- Fineschi, S., Habbal, S. R., & Morgan, H., "Solar Probe's Inside-Out UV Spectrography of the Solar Wind", 2005AGUSMSH41A..05F ADS
- Woo, R. & Habbal, S. R., "UVCS Observations of Slow Plasma Flow in the Corona Above Active Regions", 2005AGUSMSH31A..04W ADS
- Nayfeh, M. H., Habbal, S. R., & Rao, S., "Crystalline Si Nanoparticles as Carriers of the Blue Luminescence in the Red Rectangle Nebula", 2005ApJ...621L.121N ADS
- Bisi, M. M., Breen, A. R., Habbal, S. R., & Fallows, R. A., "Interplanetary Scintillation Observations of the Large-Scale Structure of the Solar Wind Using EISCAT", 2004AGUFM33B..03B ADS
- Woo, R., Habbal, S. R., & Feldman, U., "Role of Closed Magnetic Fields in Solar Wind Flow", 2004ApJ...612.1171W ADS
- Habbal, S. R. & Woo, R., "Solar wind: The solar wind and the Sun-Earth link", 2004A&G...45d..38H ADS
- Li, B., Li, X., Hu, Y.-Q., & Habbal, S. R., "A two-dimensional Alfvén wave-driven solar wind model with proton temperature anisotropy", 2004JGRA...109.7103L ADS
- Morgan, H. & Habbal, S. R., "The Linewidth Ratio of the O VI 1032 and 1037 Å Doublet in the Quiet Corona.", 2004AAS...204.2903M ADS
- Morgan, H., Habbal, S. R., & Li, X., "Hydrogen Ly α Intensity Oscillations Observed by the Solar and Heliospheric Observatory Ultraviolet Coronagraph Spectrometer", 2004ApJ...605..521M ADS
- Habbal, S. R., "Investigating the links between the solar surface, corona and inner heliosphere", 2004cosp...35.2026H ADS
- Habbal, S. R. & Woo, R., "Origin of the Solar Wind and Open Coronal Magnetic Structures", 2004IAUS...219..587H ADS
- Li, X., O'Neill, I., & Habbal, S. R., "Transition Region and Coronal Loops Heated by Turbulence", 2004ESASP.547..279L ADS
- Li, X. & Habbal, S. R., "Coronal Loops Heated by Turbulence-driven Alfvén Waves", 2003ApJ...598L.125L ADS
- Arnaud, J., Habbal, S. R., Arndt, M., & Woo, R., "Some Considerations about Inferring Coronal Magnetic Fields and Other Coronal Properties from Coronal Emission Line Polarization", 2003AGUFM42B0506A ADS
- Habbal, S. R., Arndt, M. B., Nayfeh, M., Arnaud, J., & Woo, R., "The Coronal Magnetic Field, Signatures of Coronal Holes and Silicon Nanometer Dust Grains", 2003AGUFM41D..04H ADS
- Woo, R., Habbal, S. R., & Feldman, U., "What do Measurements of Abundance Variations Tell us About the Origin and Evolution of the Solar Wind", 2003AGUFM41B0470W ADS
- Hu, Y. Q., Li, X., & Habbal, S. R., "A 2.5-dimensional MHD Alfvén-wave-driven solar wind model", 2003JGRA...108.1378H ADS
- Hu, Y. Q., Habbal, S. R., Chen, Y., & Li, X., "Are coronal holes the only source of fast solar wind at solar minimum?", 2003JGRA...108.1377H ADS
- Grappin, R., Léorat, J., & Habbal, S. R., "Large Amplitude Alfvén Waves In Open And Closed Coronal Structures", 2003AIPC..679..277G ADS
- Woo, R. & Habbal, S. R., "Ubiquitous Open Magnetic Field Lines in the Inner Corona", 2003AIPC..679..55W ADS
- Habbal, S. R., Arndt, M. B., Nayfeh, M. H., et al., "On the Detection of the Signature of Silicon Nanoparticle Dust Grains in Coronal Holes", 2003ApJ...592L..87H ADS
- Habbal, S. R., Arndt, M. B., Nayfeh, M. H., et al., "The 2001 June 21 Eclipse Polarimetric Observations of the Fe XIII 1074.7 nm Emission Line", 2003SPD...34.0409H ADS
- Mountford, C. J., Habbal, S. R., & Li, X., "Effect of solar wind flow geometry on solar wind parameters at 1 AU for a low-frequency cascade driven solar wind", 2003JGRA...108.1079M ADS
- Habbal, S. R., Woo, R., Arndt, M., & Arnaud, J., "On the Coexistence of a Radial and Non-radial Component of the Coronal Magnetic Field", 2003ASPC..307..446H ADS
- Labrosse, N., Li, X., Habbal, S. R., Gouttebroze, P., & Mountford, C. J., "Radiative transfer effects on hydrogen (and helium) in the solar atmosphere", 2002ESASP.506..13L ADS
- Patsourakos, S., Habbal, S. R., & Hu, Y. Q., "Ion Effective Temperatures in Polar Coronal Holes: Observations versus Ion-Cyclotron Resonance", 2002ApJ...581L.125P ADS
- Woo, R. & Habbal, S. R., "The Origin of the Solar Wind", 2002AmSci...90..532W ADS
- Grappin, R., Léorat, J., & Habbal, S. R., "Large-amplitude Alfvén waves in open and closed coronal structures: A numerical study", 2002JGRA...107.1380G ADS
- Habbal, S. R.: 2002, *Microphysics of Waves and Instabilities in the Solar Wind and Their Macro Manifestations in the Corona and Interplanetary Space*, Technical Report, Smithsonian Astrophysical Observatory Cambridge, MA United States 2002STIN...0239994H ADS
- Richmond, A. D., Habbal, S., & Lee, L.-C., "Editorial", 2002JGRA...107.1015R ADS
- Habbal, S. R., Arnaud, J., Arndt, M., et al., "Polarimetric Imaging of The Solar Corona During The 21 June 2001 Total Solar Eclipse", 2002EGSGA...27.6098H ADS
- Li, X. & Habbal, S., "Damping of fast and ion cyclotron oblique waves in the multi-ion fast solar wind", 2001AGUFM21A0738L ADS
- Habbal, S. R., Arnaud, J., Johnson, J., et al., "Polarized Intensity Measurements of the Corona during the 21 June 2001 Total Solar Eclipse", 2001AGUFM11C0716H ADS
- Woo, R., Armstrong, J. W., Habbal, S. R., & Habbal, S. R., "Observational Associations Between the Solar Corona and Solar Interior", 2001AGUFM11B0713W ADS
- Patsourakos, S., Habbal, S. R., Vial, J. C., & Hu, Y. Q., "The polar coronal holes and the fast solar wind: Some recent results", 2001AIPC..598..299P ADS
- Habbal, S. R., Woo, R., & Arnaud, J., "On the Predominance of the Radial Component of the Magnetic Field in the Solar Corona", 2001ApJ...558..852H ADS
- Habbal, S. R.: 2001, *Physics of the Inner Heliosphere 1-10 R_s: Plasma Diagnostics and Models*, Technical Report, Smithsonian Astrophysical Observatory Cambridge, MA United States 2001STIN...0182952H ADS
- Li, X. & Habbal, S. R., "Damping of fast and ion cyclotron oblique waves in the multi-ion fast solar wind", 2001JGR...10610669L ADS

- Ryutova, M., Habbal, S., Woo, R., & Tarbell, T., "Photospheric Network as the Energy Source for the quiet-Sun corona", 2001SoPh..200..213R ADS
- Woo, R. & Habbal, S. R., "Associating the Solar Wind Measured by Ulysses with its Source at the sun", 2001SSRv...97...85W ADS
- Woo, R. & Habbal, S. R., "Associating the Solar Wind Measured by Ulysses with its Source at the sun", 2001SSRv...97...81W ADS
- Habbal, S. R., Woo, R., & Vial, J.-C., "UVCS Observations of Velocity Shear at Streamer Boundaries in the Corona", 2001SSRv...97...8H ADS
- Habbal, S. R., Woo, R., & Vial, J.-C., "UVCS Observations of Velocity Shear at Streamer Boundaries in the Corona", 2001SSRv...97...5H ADS
- Habbal, S. R., Woo, R., & Arnaud, J., "On the Coexistence of a Radial Magnetic Field with the Large Scale Field in the Solar Corona", 2001AGUSM...SH22E06H ADS
- Habbal, S. R. & Woo, R., "Connecting the Sun and the Solar Wind: Comparison of the Latitudinal Profiles of Coronal and Ulysses Measurements of the Fast Wind", 2001ApJ...549L.253H ADS
- Li, X. & Habbal, S. R., "Electron kinetic firehose instability", 2000JGR...10527377L ADS
- Li, X. & Habbal, S. R., "Fast waves, Landau and ion-cyclotron resonance in coronal holes", 2000AAS...197.3106L ADS
- Habbal, S. & Woo, R., "Solar Wind: Coronal Origins", in P. Murdin (Ed.), Encyclopedia of Astronomy and Astrophysics, 2313 2000eaa...bookE2313H ADS
- Allen, L. A., Habbal, S. R., & Li, X., "Thermal coupling of protons and neutral hydrogen with anisotropic temperatures in the fast solar wind", 2000JGR...10523123A ADS
- Woo, R., Armstrong, J. W., & Habbal, S. R., "Observed Associations Between the Solar Interior, Corona, and Solar Wind", 2000ApJ...538L.171W ADS
- Woo, R. & Habbal, S. R., "Connecting the Sun and the solar wind: Source regions of the fast wind observed in interplanetary space", 2000JGR...10512667W ADS
- Habbal, S. R., Johnson, J., Nisenson, P., et al., "Temperature, density and magnetic field structure of the corona during the total eclipse of 1999 August 11", 2000SPD...31.0235H ADS
- Woo, R., Armstrong, J. W., & Habbal, S. R., "Apparent Associations Between the Solar Interior, Corona, and Solar Wind", 2000SPD...31.0230W ADS
- Li, X. & Habbal, S. R., "Proton/alpha magnetosonic instability in the fast solar wind", 2000JGR...105.7483L ADS
- Hu, Y. Q., Esser, R., & Habbal, S. R., "A four-fluid turbulence-driven solar wind model for preferential acceleration and heating of heavy ions", 2000JGR...105.5093H ADS
- Verheest, F., Vandas, M., Buti, B., et al., "Commission 49: Interplanetary Plasma and Heliosphere: (Plasma Interplanetaire et Heliosphere)", 2000IAUTA...24...77V ADS
- Möbius, E., Gloeckler, G., Goldstein, B., et al., "Here Comes Solar Probe!", 2000AdSpR...25.1961M ADS
- Li, X. & Habbal, S. R., "Ion cyclotron waves, instabilities and solar wind heating", 1999SoPh...190...485L ADS
- Hu, Y. Q., Habbal, S. R., & Li, X., "On the cascade process of Alfvén waves in the fast solar wind", 1999JGR...10424819H ADS
- Hu, Y. Q. & Habbal, S. R., "Resonant acceleration and heating of solar wind ions by dispersive ion cyclotron waves", 1999JGR...10417045H ADS
- Woo, R. & Habbal, S. R., "Radial evolution of density structure in the solar corona", 1999GeoRL...26.1793W ADS
- Li, X., Habbal, S. R., Hollweg, J. V., & Esser, R., "Proton temperature anisotropy in the fast solar wind: Turbulence-driven dispersive ion cyclotron waves", 1999AIPC...471...531L ADS
- Wood, C. H., Habbal, S. R., Esser, R., & Penn, M., "Comparison of Fe λ 5303, λ 6374 and λ 7892 spectral line observations in a coronal hole and streamer", 1999AIPC...471...293W ADS
- Ryutova, M. P., Habbal, S. R., Woo, R., & Tarbell, T., "Magnetic energy avalanche as the source of the fast wind", 1999AIPC...471...227R ADS
- Woo, R. & Habbal, S. R., "A new view of the origin of the solar wind", 1999AIPC...471...71W ADS
- Casalbuoni, S., Del Zanna, L., Habbal, S. R., & Velli, M., "Coronal plumes and the expansion of pressure-balanced structures in the fast solar wind", 1999JGR...104.9947C ADS
- Habbal, S. R., Woo, R., & Li, X., "Relationship between Mass Flux and Coronal Density in the Fast Solar Wind", 1999AAS...194.3202H ADS
- Woo, R. & Habbal, S. R., "Coronal Hole Myth", 1999AAS...194.3201W ADS
- Woo, R., Habbal, S. R., Howard, R. A., & Korendyke, C. M., "Extension of the Polar Coronal Hole Boundary into Interplanetary space", 1999ApJ...513...961W ADS
- Li, X., Habbal, S. R., Hollweg, J. V., & Esser, R., "Heating and cooling of protons by turbulence-driven ion cyclotron waves in the fast solar wind", 1999JGR...104.2521L ADS
- Woo, R. & Habbal, S. R.: 1999, A New View of the Origin of the Solar Wind, Technical Report, Jet Propulsion Lab., California Inst. of Tech. Pasadena, CA United States 1999STIN...0055758W ADS
- Cranmer, S. R., Kohl, J. L., Noci, G., et al., "An Empirical Model of a Polar Coronal Hole at Solar Minimum", 1999ApJ...511...481C ADS
- Woo, R. & Habbal, S. R., "Imprint of the Sun on the Solar Wind", 1999ApJ...510L...69W ADS
- Esser, R., Fineschi, S., Dobrzycka, D., et al., "Plasma Properties in Coronal Holes Derived from Measurements of Minor Ion Spectral Lines and Polarized White Light Intensity", 1999ApJ...510L...63E ADS
- Woo, R., "Solar Wind Nine", 1999AIPC...471...H ADS
- Li, X., Habbal, S. R., Kohl, J. L., & Noci, G., "The Effect of Temperature Anisotropy on Observations of Doppler Dimming and Pumping in the Inner Corona", 1998ApJ...501L.133L ADS
- Kohl, J. L., Noci, G., Antonucci, E., et al., "UVCS/SOHO Empirical Determinations of Anisotropic Velocity Distributions in the Solar Corona", 1998ApJ...501L.127K ADS
- Woo, R. & Habbal, S. R., "Comment on: textquotedblleftPolar plumes and fine-scale coronal structures - On the interpretation of coronal radio sounding data textquotedblright by Pätzold and Bird", 1998GeoRL...25.1849W ADS
- Allen, L. A., Habbal, S. R., & Hu, Y. Q., "Thermal coupling of protons and neutral hydrogen in the fast solar wind", 1998JGR...103.6551A ADS
- Woo, R. & Habbal, S. R., "Multiscale filamentary structures in the solar corona and their implications for the origin and evolution of the solar wind", 1998PSP...15...351W ADS
- Habbal, S. R., Gloeckler, G., McNutt, R. L., J., & Tsurutani, B. T., "The Solar Probe Mission: A search for the Origin of the Solar Wind and an Unprecedented View of the Solar Surface", 1998ESASP.417...83H ADS
- Vial, J. C., Koutchmy, S., & Habbal, S. R., "Cor-I: a coronal white-light imager for a solar probe", 1998AdSpR...21...291V ADS
- Feldman, W. C., Habbal, S. R., Hoogeveen, G., & Wang, Y. M., "Experimental constraints on pulsed and steady state models of the solar wind near the Sun", 1997JGR...10226905F ADS
- Habbal, S. R., "New Understanding of the Solar Wind: the Impact of ULYSSES and SOHO Measurements", 1997AAS...19110102H ADS
- Halas, C. D., Habbal, S. R., Penn, M., et al., "Electron Temperature Distribution in Coronal Holes", 1997AAS...191.7413H ADS
- Habbal, S. R., Woo, R., Fineschi, S., et al., "Origins of the Slow and the Ubiquitous Fast Solar Wind", 1997ApJ...489L.103H ADS
- Li, X., Esser, R., Habbal, S. R., & Hu, Y.-Q., "Influence of heavy ions on the high-speed solar wind", 1997JGR...10217419L ADS
- Hu, Y. Q., Esser, R., & Habbal, S. R., "A fast solar wind model with anisotropic proton temperature", 1997JGR...10214661H ADS
- Habbal, S. R., "The Solar Probe Mission", 1997SPD...28.1104H ADS
- Allen, L. & Habbal, S. R., "Thermal Coupling of Protons and Neutral Hydrogen in the Fast Solar Wind", 1997SPD...28.0402A ADS
- Li, X., Habbal, S. R., & Esser, R., "Model Computations of the Line Profiles of O VI 1032 and 1037 Angstroms in the Fast Solar Wind and Comparison with UVCS Observations", 1997SPD...28.0123L ADS
- Woo, R. & Habbal, S. R., "Extension of coronal structure into interplanetary space", 1997GeoRL...24.1159W ADS
- Esser, R., Habbal, S. R., Coles, W. A., & Hollweg, J. V., "Hot protons in the inner corona and their effect on the flow properties of the solar wind", 1997JGR...102.7063E ADS
- Esser, R. & Habbal, S. R., "Coronal Holes and the Solar Wind", 1997cwh...conf...297E ADS
- Woo, R. & Habbal, S. R., "Finest Filamentary Structures of the Corona in the Slow and Fast Solar Wind", 1997ApJ...474L.139W ADS
- Habbal, S. R., "Imaging the source regions of the solar wind", 1997AIPC...385...105H ADS
- Habbal, S. R. & Woo, R., "Remote sensing measurements of the corona with the Solar Probe", 1997AIPC...385...77H ADS
- Woo, R., "Robotic Exploration Close to the Sun: Scientific Basis", 1997AIPC...385...H ADS
- Habbal, S. R., Mossman, A., Gonzalez, R., & Esser, R., "Radio, visible, and X ray emission preceding and following a coronal mass ejection", 1996JGR...10119943H ADS
- Habbal, S. R., Brickhouse, N. S., & Esser, R., "Exploring the temperature structure of coronal holes with a novel combination of visible Fe lines", 1996AIPC...382...177H ADS
- Esser, R., Brickhouse, N. S., Habbal, S. R., & Mossman, A., "Demonstrating the limitations of line ratio temperature diagnostic using Fe X and Fe XIV spectral line intensity observations", 1996AIPC...382...173E ADS
- Esser, R. & Habbal, S. R., "Modeling high flow speeds in the inner corona", 1996AIPC...382...133E ADS
- Habbal, S. R., Esser, R., Guhathakurta, M., & Fisher, R., "Flow properties of the solar wind obtained from white light data, Ulysses observations and a two-fluid model", 1996AIPC...382...129H ADS
- Woo, R., "Solar Wind Eight", 1996AIPC...382...W ADS

- Woo, R. & Habbal, S. R., "Finest Filamentary Structures of the Inner Corona in the Slow and Fast Solar Wind", 1996AAS...188.8002W ADS
- Habbal, S. R., "Inferences of Plasma Parameters from Coronal Hole Observations", 1996Ap&SS.243...49H ADS
- Habbal, S. R.: 1996b, *High Resolution Studies of the Structure of the Solar Atmosphere*, Technical Report, Smithsonian Astrophysical Observatory Cambridge, MA United States 1996sao...reptV...H ADS
- Habbal, S. R.: 1996c, *FY91 AASERT: Implications of the Small Scale Structure in the Quiet Sun for the Solar Wind Flow*, Technical Report, Smithsonian Astrophysical Observatory Cambridge, MA United States 1996sao...reptT...H ADS
- Kohl, J. L., Esser, R., Gardner, L. D., et al., "The Ultraviolet Coronagraph Spectrometer for the Solar and Heliospheric Observatory", 1995SoPh...162...313K ADS
- Kohl, J. L., Esser, R., Gardner, L. D., et al., "Ultraviolet Coronagraph Spectrometer for the Solar and Heliospheric Observatory: instrument description and calibration overview", 1995SPIE.2517...40K ADS
- Esser, R., Brickhouse, N. S., Habbal, S. R., Altrrock, R. C., & Hudson, H. S., "Using Fe X 6374 Å and Fe XIV 5303 Å spectral line intensities to study the effect of line of sight integration on coronal temperature inferences", 1995JGR...10019829E ADS
- Esser, R. & Habbal, S. R., "Coronal heating and plasma parameters at 1 AU", 1995GeoRL...22.2661E ADS
- Ryutova, M. P. & Habbal, S. R., "The Effects on Mass Flows on the Dissipation of Alfvén Waves in the Upper Layers of the Solar Atmosphere", 1995ApJ...451...381R ADS
- Habbal, S. R., Brickhouse, N., & Esser, R., "Exploring the temperature structure of coronal holes with a novel combination of visible Fe lines", 1995sowi.confR...69H ADS
- Fineschi, S. & Habbal, S. R., "Coronal magnetic field diagnostics via the Hanle effect of Lyman series lines", 1995sowi.confR...68F ADS
- Fineschi, S., Esser, R., Habbal, S. R., et al., "Determining coronal electron temperatures from observations with UVCS/SOHO", 1995sowi.confQ...68F ADS
- Brickhouse, N., Esser, R., & Habbal, S. R., "Demonstrating the limitations of line ratio temperature diagnostic using Fe X and Fe XIV spectral line intensity observations", 1995sowi.conf...69B ADS
- Habbal, S. R., Esser, R., Guhathakurta, M., & Fisher, R., "Flow properties of the solar wind obtained from white light data, ULYSSES observations and a two-fluid model", 1995sowi.conf...64H ADS
- Esser, R., Habbal, S. R., & Hu, Y. Q., "Three-fluid solar wind model with Alfvén waves", 1995sowi.conf...64E ADS
- Habbal, S. R., Esser, R., Guhathakurta, M., & Fisher, R. R., "Flow properties of the solar wind derived from a two-fluid model with constraints from white light and in situ interplanetary observations", 1995GeoRL...22.1465H ADS
- Habbal, S. R. & Esser, R., "On the derivation of empirical limits on the helium abundance in coronal holes below 1.5R_s", 1995SSRv...72...39H ADS
- Raymond, J. C., Kohl, J. L., Esser, R., et al., "The Ultraviolet Coronagraph Spectrometer for the Solar and Heliospheric Observatory", 1995SPD...26...720R ADS
- Habbal, S. R., Mossman, A., Esser, R., & Gonzalez, R., "Changes in the plasma characteristics of the corona associated with the occurrence of a coronal mass ejection", 1995SPD...26...713H ADS
- Karovska, M. & Habbal, S. R., "Dynamical Evolution of EUV Structures at the Limb in a Coronal Hole", 1995SPD...26...711K ADS
- Habbal, S. R. & Esser, R., "On the Derivation of Empirical Limits on the Helium Abundance in Coronal Holes Below 1.5 R_s", 1995hllh.conf...39H ADS
- Habbal, S. R., Esser, R., Guhathakurta, M., & Fisher, R., "Flow properties of the solar wind obtained from white light data and a two-fluid model", 1994ESASP.373...211H ADS
- Karovska, M., Habbal, S. R., Golub, L., DeLuca, E., & Hudson, H., "Recovering the fine structures in solar images", 1994ESASP.373...183K ADS
- Velli, M., Habbal, S. R., & Esser, R., "Coronal plumes and final scale structure in high speed solar wind streams", 1994SSRv...70...391V ADS
- Habbal, S. R., "Small scale structures in the solar corona", 1994SSRv...70...37H ADS
- Karovska, M. & Habbal, S. R., "Dynamical Structure of Extreme Ultraviolet Macrospicules", 1994ApJ...431L...59K ADS
- Karovska, M., Blundell, S. F., & Habbal, S. R., "Exploring the Fine Structure at the Limb in Coronal Holes", 1994ApJ...428...854K ADS
- Habbal, S. R., Hu, Y. Q., & Esser, R., "Standing shocks in a two-fluid solar wind", 1994JGR...99.8465H ADS
- Arndt, M. B., Habbal, S. R., & Karovska, M., "The Discrete and Localized Nature of the Variable Emission from Active Regions", 1994SoPh...150...165A ADS
- Habbal, S. R. & Esser, R., "On the Derivation of Empirical Limits on the Helium Abundance in Coronal Holes below 1.5 R_s", 1994ApJ...421L...59H ADS
- Habbal, S. R., Arndt, M. B., & Karovska, M., "The Discrete Nature of the Variable Emission in Active Region Loops", 1994ASPC...68...314H ADS
- Habbal, S. R., "Characteristic Signatures of Solar Activity from the Small Scale Magnetic Field.", 1994ASPC...64...309H ADS
- Esser, R. & Habbal, S. R., "Overestimating the Coronal Density and its Effect on the Velocities Derived from Ly-alpha Doppler Dimming.", 1993SoPh...147...241E ADS
- Habbal, S. R.: 1993, *High resolution studies of the structure of the solar atmosphere*, Annual Report, 1 Jul. 1992 - 30 Jun. 1993 Smithsonian Astrophysical Observatory, Cambridge, MA. 1993sao...reptS...H ADS
- Habbal, S. R., Esser, R., & Arndt, M. B., "How Reliable are Coronal Hole Temperatures Deduced from Observations?", 1993ApJ...413...435H ADS
- Hu, Y. Q. & Habbal, S. R., "Interaction between perpendicular magnetohydrodynamic shocks", 1993PhFlB...5...732H ADS
- Hu, Y. Q. & Habbal, S. R., "Double shock pairs in the solar wind", 1993JGR...98.3551H ADS
- Esser, R., Habbal, S. R., & Arndt, M. B., "Temperature measurements in the inner corona.", 1992ESASP.348...277E ADS
- Karovska, M., Habbal, S. R., & Blundell, F., "Fine Structure at the Limb in a Coronal Hole", 1992AAS...181.8110K ADS
- Habbal, S. R.: 1992, *High resolutions studies of the structure of the solar atmosphere*, Annual Report No. 1, 1 Jul. 1991 - 30 Jun. 1992 Smithsonian Astrophysical Observatory, Cambridge, MA. 1992sao...reptR...H ADS
- Habbal, S. R. & Esser, R., "Temperatures and Densities in the Inner Corona", 1992AAS...180.5204H ADS
- Gardner, L. D., Esser, R., Habbal, S. R., et al., "The SPARTAN Ultraviolet Coronagraph", 1992AAS...180.5202G ADS
- Habbal, S. R., "Coronal energy distribution and X-ray activity in the small scale magnetic field of the quiet sun.", 1992AnGeo...10...34H ADS
- Habbal, S. R., "Variable EUV emission in the quiet sun and coronal heating", 1992sws...co11...41H ADS
- Habbal, S. R. & Grace, E., "The Connection between Coronal Bright Points and the Variability of the Quiet-Sun Extreme-Ultraviolet Emission", 1991ApJ...382...667H ADS
- Habbal, S. R. & Gonzalez, R. D., "First Observations of Macrospicules at 4.8 GHz at the Solar Limb in Polar Coronal Holes", 1991ApJ...376L...25H ADS
- Karovska, M. & Habbal, S. R., "High-Resolution Studies of the Structure of the Solar Atmosphere Using a New Imaging Algorithm", 1991ApJ...371...402K ADS
- Habbal, S. R. & Gonzalez, R. D., "First Observations of Macrospicules at 4.8 GHz at the Solar Limb in Polar Coronal Holes", 1991BAAS...23.1062H ADS
- Habbal, S. R., "Observations of Coronal Bright Points and Implications for Coronal Heating Mechanisms (With 3 Figures)", 1991mcch.conf...127H ADS
- Esser, R. & Habbal, S. R., "Spectral Line and White-Light Intensities in the Coronal in the Presence of Propagating or Standing Shocks", 1990SoPh...129...153E ADS
- Karovska, M. & Habbal, S. R., "Exploring the Structure of the Quiet Sun with a New Imaging Algorithm", 1990BAAS...22.1199K ADS
- Habbal, S. R., "Characteristics of the Variable Quiet Sun EUV Emission", 1990BAAS...22.1199H ADS
- Withbroe, G. L. & Habbal, S. R., "Polar Plumes and the Solar Wind", 1990BAAS...22...851W ADS
- Habbal, S. R., Dowdy, James F., J., & Withbroe, G. L., "A Comparison between Bright Points in a Coronal Hole and a Quiet-Sun Region", 1990ApJ...352...333H ADS
- Habbal, S. R., Ellman, N. E., & Gonzalez, R., "Synthesis Mapping of a Solar Type I Storm Simultaneously at 90 and 20 Centimeters with the VLA", 1989ApJ...342...594H ADS
- Habbal, S. R., Withbroe, G. L., & Dowdy, J. J., "Comparison between Bright Points in a Coronal Hole and the Quiet Sun", 1989BAAS...21R.840H ADS
- van Ballegoijen, A. A., Habbal, S. R., & Dowdy, J. F., "Three-Dimensional Models of the Solar Atmosphere", 1989BAAS...21...836V ADS
- Habbal, S. R., Dowdy, J. F., J., & Withbroe, G. L., "Spatial and Temporal Variations of EUV Coronal Bright Points", 1988BAAS...20Q.977H ADS
- Withbroe, G. L., Dowdy, J. F., J., & Habbal, S. R., "Spatial and Temporal Variations of Coronal Heating in Small Active Regions", 1988BAAS...20...977W ADS
- Habbal, S. R. & Harvey, K. L., "Simultaneous Observations of 20 Centimeter Bright Points and He I 10830 Angstrom Dark Points in the Quiet Sun", 1988ApJ...326...988H ADS
- Habbal, S. R. & Harvey, K. L., "Dynamic Nature of coronal heating", 1988ASL...143...215H ADS

- Habbal, S. R., Ellman, N. E., & Gonzalez, R., "Dynamic Changes in an Active Region Observed Simultaneously at 20 and 90 cm Radio Wavelengths with the VLA", 1987BAAS...19..942H [ADS](#)
- Habbal, S. R. & Harvey, K. L., "Simultaneous observations of changes in coronal bright point emission at the 20 cm radio and He I λ 10830 wavelengths.", 1986NASCP2442..343H [ADS](#)
- Harvey, K. L. & Habbal, S. R., "Simultaneous Observations of Coronal Bright Point Emission at 20 cm Radio and He 10830 Å Wavelengths", 1986BAAS...18R.901H [ADS](#)
- Habbal, S. R., Gonzalez, R., & Harvey, K. L., "Simultaneous Observations of the Quiet Sun at 90 and 20 cm Radio and He 10830 Å Wavelengths", 1986BAAS...18..932H [ADS](#)
- Habbal, S. R., Ronan, R. S., Withbroe, G. L., Shevgaonkar, R. K., & Kundu, M. R., "Solar Coronal Bright Points Observed with the VLA", 1986ApJ...306..740H [ADS](#)
- Esser, R., Leer, E., Habbal, S. R., & Withbroe, G. L., "A two-fluid solar wind model with Alfvén waves: parameter study and application to observations", 1986JGR...91.2950E [ADS](#)
- Habbal, S. R., Ronan, R., & Withbroe, G. L., "Spatial and Temporal Variations of Solar Coronal Loops", 1985SoPh...98..323H [ADS](#)
- Withbroe, G. L., Habbal, S. R., & Ronan, R., "Impulsive Phenomena in a Small Active Region", 1985SoPh...95..297W [ADS](#)
- Habbal, S. R., "The formation of a standing shock in a polytropic solar wind model within 1-10 R_s ", 1985JGR...90..199H [ADS](#)
- Habbal, S. R., Cowell, A., Ronan, R., et al., "Temporal and Spatial Variations of Solar Coronal Bright Points Observed with the VLA", 1984BAAS...16..929H [ADS](#)
- Fla, T., Habbal, S. R., Holzer, T. E., & Leer, E., "Fast-mode magnetohydrodynamic waves in coronal holes and the solar wind", 1984ApJ...280..382F [ADS](#)
- Habbal, S. R., "The Formation of a Standing Shock in a Polytropic Wind Model Within 1-10 R_s ", 1984BAAS...16R.533H [ADS](#)
- Withbroe, G. L., Habbal, S. R., & Ronan, R., "Impulsive Phenomena in a Small Active Region", 1984BAAS...16R.528W [ADS](#)
- Ronan, R. S., Habbal, S. R., & Withbroe, G. L., "Spatial and Temporal Variations of Solar Coronal Loops", 1984BAAS...16..529R [ADS](#)
- Ferrari, A., Habbal, S. R., Rosner, R., & Tsinganos, K., "A wind-type model for the generation of astrophysical jets", 1984ApJ...277L..35F [ADS](#)
- Habbal, S. R. & Rosner, R., "Temporal evolution of the solar wind and the formation of a standing shock", 1984JGR...8910645H [ADS](#)
- Tsinganos, K., Habbal, S. R., & Rosner, R., "Formation of standing shocks in stellar winds and related astrophysical flows.", 1983NASCP.2280.289T [ADS](#)
- Habbal, S. R., Tsinganos, K., & Rosner, R., "Multiple transonic solutions and a new class of shock transitions in solar and stellar winds.", 1983NASCP.2280.213H [ADS](#)
- Withbroe, G. L. & Habbal, S. R.: 1983, *Rapid magnetic energy release, its possible role in coronal heating and solar wind acceleration*, Final Report, 1 Jan. - 31 Dec. 1982 Smithsonian Astrophysical Observatory, Cambridge, MA. 1983sao...reptR...W [ADS](#)
- Habbal, S. R. & Tsinganos, K., "Multiple transonic solutions with a new class of shock transitions in steady isothermal solar and stellar winds", 1983JGR...88.1965H [ADS](#)
- Habbal, S. R., Tsinganos, K., & Rosner, R., "Time Evolution of the Solar Wind Flow with Momentum Addition and the Formation of Standing Shocks", 1982BAAS...14R.939H [ADS](#)
- Tsinganos, K., Habbal, S., & Rosner, R., "A New Class of Standing Shocks in Astrophysical Jets and Accretion Flows", 1982BAAS...14..871T [ADS](#)
- Habbal, S. R. & Tsinganos, K. C., "Stellar Winds with Multiple Critical Points and Shock Transitions", 1982BAAS...14Q.608H [ADS](#)
- Habbal, S. R. & Leer, E., "Electron heating by fast mode magnetohydrodynamic waves in the solar wind emanating from coronal holes", 1982ApJ...253..318H [ADS](#)
- Habbal, S. R. & Withbroe, G. L., "Spatial and Temporal Variations of EUV Coronal Bright Points", 1981SoPh...69...77H [ADS](#)
- Habbal, S. R., Leer, E., & Holzer, T. E., "Heating of Coronal Loops by Fast-Mode Magnetohydrodynamic Waves", 1979SoPh...64..287H [ADS](#)
- Habbal, S. R. & Rosner, R., "Thermal instabilities in magnetically confined plasmas - Solar coronal loops", 1979ApJ...234.1113H [ADS](#)
- Habbal, S. R. & Tuan, T. F., "Plan MHD flows in a hyperbolic magnetic field: implications for the problem of magnetic field line reconnection", 1979JPlPh..21...85H [ADS](#)
- Habbal, S. R., Holzer, T. E., & Leer, E., "Heating of Coronal Loops by Fast Mode Mhd-Waves", 1979phsp.co11..228H [ADS](#)